

## CLAIMS

What is claimed is:

- 5 1. A system for determining relationships between resources in a knowledge discovery system, the system comprising:
- a discovery server that creates and maintains a knowledge map representing relationships between system resources;
  - a metrics calculator for calculating values representative of the relationships between system resources; and
  - a data source in communication with the discovery server that receives and stores the values from the metrics calculator.
- 10 2. A method for calculating metrics that correspond to relationships between resources in a knowledge discovery system, the method comprising:
- determining a raw metric value for a resource that corresponds to a action on or by the resource;
  - ranking the raw metric value according to a predetermined scheme;
  - determining a constant value based, at least in part, upon the ranking of the raw metric; and
  - calculating a metric value proportional to a product of the raw metric value and the constant value.
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3. A processor readable medium, having processor readable code embodied thereon, that enables a processor to calculate metrics that correspond to relationships between resources in a knowledge discovery system, the processor readable medium comprising:

5 processor readable code for determining a raw metric value for a resource that corresponds to a action on or by the resource;

processor readable code for ranking the raw metric value according to a predetermined scheme;

processor readable code for determining a constant value based, at least in part, upon the ranking of the raw metric; and

processor readable code for calculating a metric value proportional to a product of the raw metric value and the constant value.

4. A metrics system for calculating affinities among resources in a knowledge discovery system, the metrics system comprising:

15 a metrics affinity calculator that calculates affinity values for resources;

a metrics data store that stores the calculated affinity values;

a metrics affinity worker that communicates with a user mail data store and coordinates generating a message regarding the calculated affinity values according to a predetermined setting.

- 20 5. A method for calculating affinities among resources in a knowledge discovery system, the method comprising:

calculating affinity values for resources using a metrics affinity calculator;

storing the calculated affinity values in a metrics data store;  
generating a message regarding the calculated affinity values according to a  
predetermined setting with a metrics affinity worker that communicates  
with a user mail data store.